SONY

FW-50EZ20L

50” Professional display rated for 16/7 operation with essential professional functions



Overview

Business-friendly with easy content sharing, control and customisation

Ideal for digital signage and corporate applications, the slim, easy-to-use FW-50EZ20L Professional Display adds impact to all your visual communications. Very high 4K picture quality with 350 nit screen brightness is complemented by simple setup, content sharing and networked control – ideal for today’s connected AV environments.

Features

Brilliant 4K image quality that’s seen by everyone
Advanced Sony picture processing technologies ensure your content looks its best, while 350 nit panel brightness ensures clear visibility in indoor environments.

Enjoy finer detail
4K X-Reality PRO upscales pictures closer to true 4K quality. Images are sharpened and refined in real time, revealing extra detail from lower-resolution content.

Vivid, natural colour
Live Color technology brings images alive with a brilliant palette of vibrant, natural colours.

Smooth on-screen movement
Motionflow XR ensures smoother, more natural reproduction of rapidly-moving on-screen images.

Great pictures deserve brilliant sound
The slim design of FW-50EZ20L incorporates an X-Balanced Speaker™, offering clear voice quality to enhance video conferences and digital signage.

Portrait or landscape installation
Install BRAVIA in portrait or landscape orientation to suit any corporate space.

Easy access side-mounted connections
Signal connections, networking and other interfaces are conveniently side mounted for easy installation and access when the display’s in portrait position.

Quick, easy setup
Simple Pro Settings allows customisation of BRAVIA to suit the demands of any business or retail environment. Schedule power on/off times, select input source on switch on, wake up the display when an input signal’s detected – and more.

Networked control
Remotely control and monitor BRAVIA display functions – like power on/off, input source and volume – over IP networks or using familiar RS-232C protocols.

Signage made simple
Built-in support for HTML5 makes it easy to display interactive signage content on BRAVIA without the need for a dedicated set-top box, media player or PC. The on-board BRAVIA Signage Free (BSF) 2.0 app automatically plays out HTML content including videos and photos from the display’s internal 16GB storage, or when a USB stick memory is slipped into BRAVIA.

Wireless screen mirroring
Easily mirror content wirelessly from handheld device onto BRAVIA with in-built support for Apple AirPlay and Google Chromecast.

Sustainability in every scene
With growing demand for ever larger display screens, there is also the risk of greater resource and energy use. However, Sony’s sustainability commitments are realizing efficiency gains from product development right through to customers’ viewing screens.

Specifications

General Features	
Screen Size	50"
Brightness (cd/m^2)	350
Contrast Ratio	5000:1
Dynamic Contrast Ratio	400,000:1
Response Time (Gray to gray, Typical, ms)	6
Display Resolution (H x V, pixels)	3840 x 2160
HDR (High Dynamic Range) Compatibility	Yes (HDR10,HLG)
Aspect Ratio	16:9
Portrait/Tilt Compatibility	Yes

Display Features

Dimming Type	Frame Dimming
Display Device	LCD
Panel Type	VA
Backlight Type	Direct LED
Colour Gamut (DCI-P3)	75%
Picture Processor	4K Processor X1
Operation Time	16/7
Deep Black Non-Glare	No
Haze (%)	3%
Viewing Angle (Right/Left)	178 (89 / 89) degree (CR >10)
Viewing Angle (Up/Down)	178 (89 / 89) degree (CR >10)

Video Specification

Video Processing	4K X-Reality PRO
Motion Enhancer	Motionflow XR 200/240Hz (Native 50/60Hz)
HDMI Signal	4096 x 2160p (24, 50, 60 Hz), 3840 x 2160p (24, 25, 30, 50, 60 Hz), 1080p (30, 50, 60 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (30, 50, 60 Hz), 720/24p, 576p, 576i 480p, 480i

Audio Specification

Speaker Position	Down Firing
Audio Power Output	10W + 10W

Professional Features

Pro Mode	Yes (Simplified)
HDMI Auto Wake-Up	Yes
Operating System	Android TV
On-board Storage (GB)	16GB

Network Specification

Wi-Fi Certified	Yes
Wireless LAN	Integrated

Convenience Features

USB Playback Codecs	MPEG1:MPEG1/MPEG2 PS:MPEG2/MPEG2 TS(HDV,AVCHD):MPEG2,AVC/MP4(XAVC S):AVC,MPEG4,HEVC,AV1/AVI:MotionJpeg/ASF(WMV):VC1/MOV:AVC,MPEG4/MKV:AVC,MPEG4,VP8,HEVC/3GPP:MPEG4,AV
On Screen Clock	Yes
Sleep Timer	Yes
On/Off Timer	Yes
Chromecast Built-In	Yes
Apple AirPlay	Yes

Control Specifications

IP Control	Yes
RS-232C Control	Yes

Control Specifications

HDMI-CEC	Yes

Inputs and Outputs

HDCP	HDCP2.3 (for HDMI1/2/3)
Composite Video Input (s)	1 (Side, Mini jack)
HDMI Inputs Total	3 (3 Side)
Analog Audio Input (s) (Total)	1 (Side Analog Conversion)
Digital Audio Output (s)	1 (Side)
USB Ports	2 (Side)
Ethernet Inputs	1 (Side)

Design Features

Frame Colour	Hairline Black
Stand Design	No Stand
VESA® Hole Spacing Compatible	Yes
VESA® Hole Pitch (W x H)	200 x 200 mm / 7 7 / 8 x 7 7 / 8 inch

Environment Specifications

On-Mode Power Consumption (EPREL)	70 kWh/1000h
Power Consumption (in Standby)	0.5 W
Dynamic Backlight Control	Yes
Power Saving Mode	Yes

Certificates

EMC	Class-B

Measurements

Dimension of TV without Stand (W x H x D)	1126 x 653 x 70 mm / 44 3 / 8 x 25 3 / 4 x 2 7 / 8 inch
Dimension of TV with Stand (W x H x D)	1126 x 718 x 286 mm / 44 3 / 8 x 28 3 / 8 x 11 3 / 8 inch
Dimension of Package Carton (W x H x D)	1240 x 782 x 141 mm / 48 7 / 8 x 30 7 / 8 x 5 5 / 8 inch

Weight

Weight of TV without Stand	12.1 kg / 26.7 lb
Weight of TV with Stand	12.7 kg / 28 lb
Weight of Package Carton (Gross)	16 kg / 35.3 lb

Further Information

Product Information Sheet (Europe Only)	https://eprel.ec.europa.eu/screen/product/electronicdisplays/1589634

Gallery


50”
MARKET RESEARCH
Industry analytics
LAST YEAR
THIS YEAR
40%
2022
62%
2023
Financial Statement
THIS YEAR
LAST YEAR
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec



























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